FIG. 1A

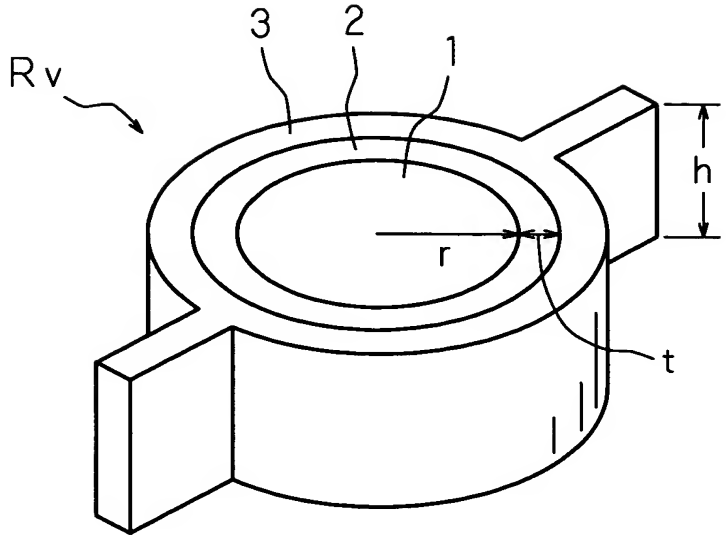


FIG. 1B

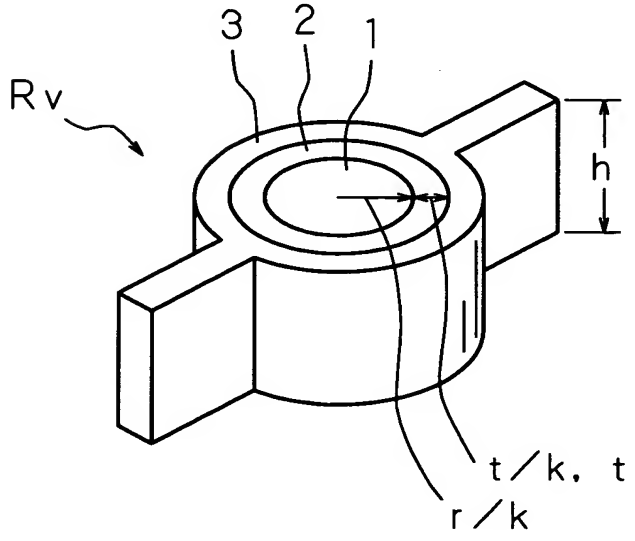


FIG. 2

(t:NO SCALING IS APPLIED)

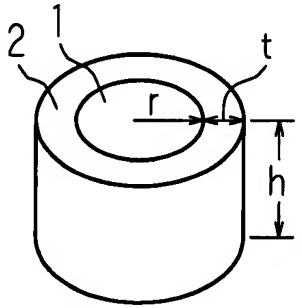
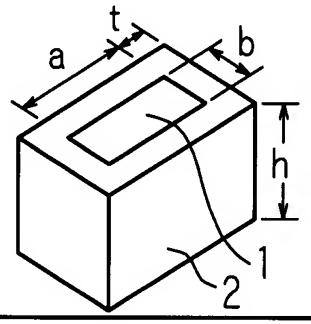
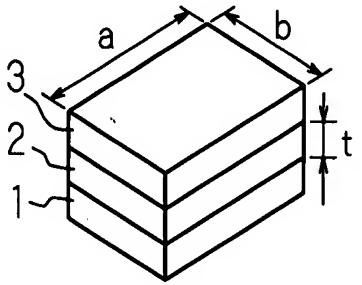
STRUCTURE	BEFORE SCALING AREA, RESISTANCE	AFTER SCALING (1/k TIMES) AREA, RESISTANCE	Rs/Ro
CYLINDER 	So=2πrh Ro=ρt/2πrh	Ss=2πrh/k Rs=ρtk/2πrh	k
PRISM 	So=2 (a+b) h Ro=ρt/2 (a+b) h	Ss=2 (a+b) h/k Rs=ρtk/2 (a+b) h	k
CONVEN-TIONAL 	So=ab Ro=ρt/ab	Ss=ab/k^2 Rs=ρtk^2/ab	k^2

FIG. 3

(t:NO SCALING IS APPLIED)

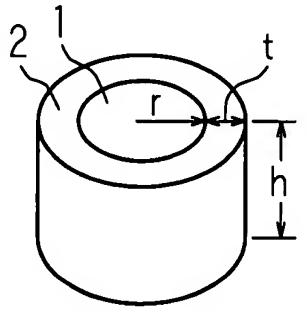
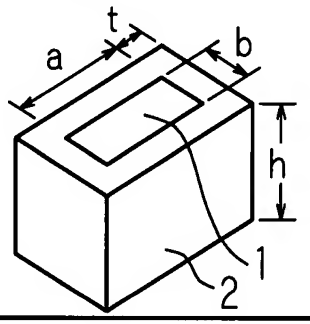
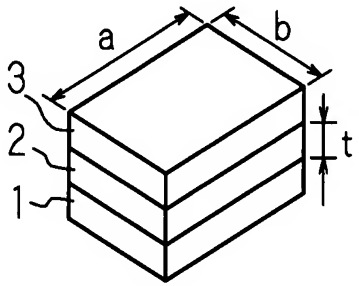
STRUCTURE	BEFORE SCALING AREA, RESISTANCE	AFTER SCALING (1/k TIMES) AREA, RESISTANCE	Rs/Ro
CYLINDER 	So=2πrh Ro=ρt/2πrh	Ss=2πrh/k Rs=ρt/2πrh	1
PRISM 	So=2 (a+b) h Ro=ρt/2 (a+b) h	Ss=2 (a+b) h/k Rs=ρt/2 (a+b) h	1
CONVEN-TIONAL 	So=ab Ro=ρt/ab	Ss=ab/k^2 Rs=ρtk/ab	k

FIG. 4A

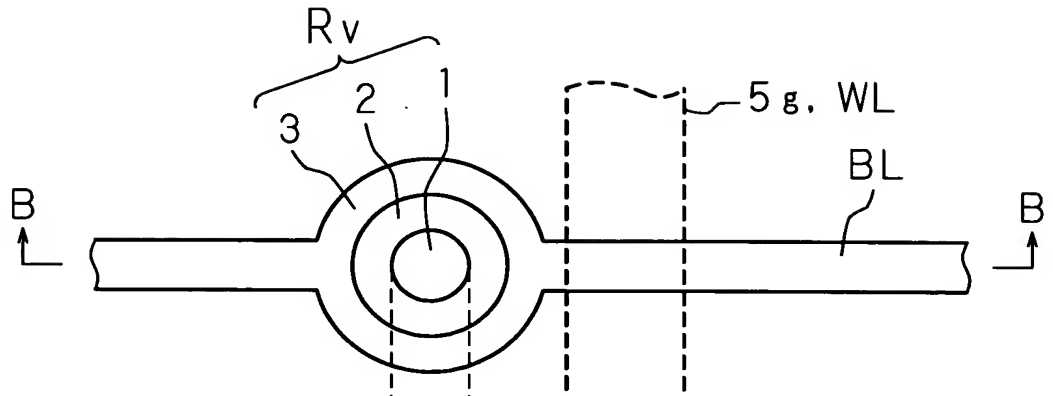


FIG. 4B

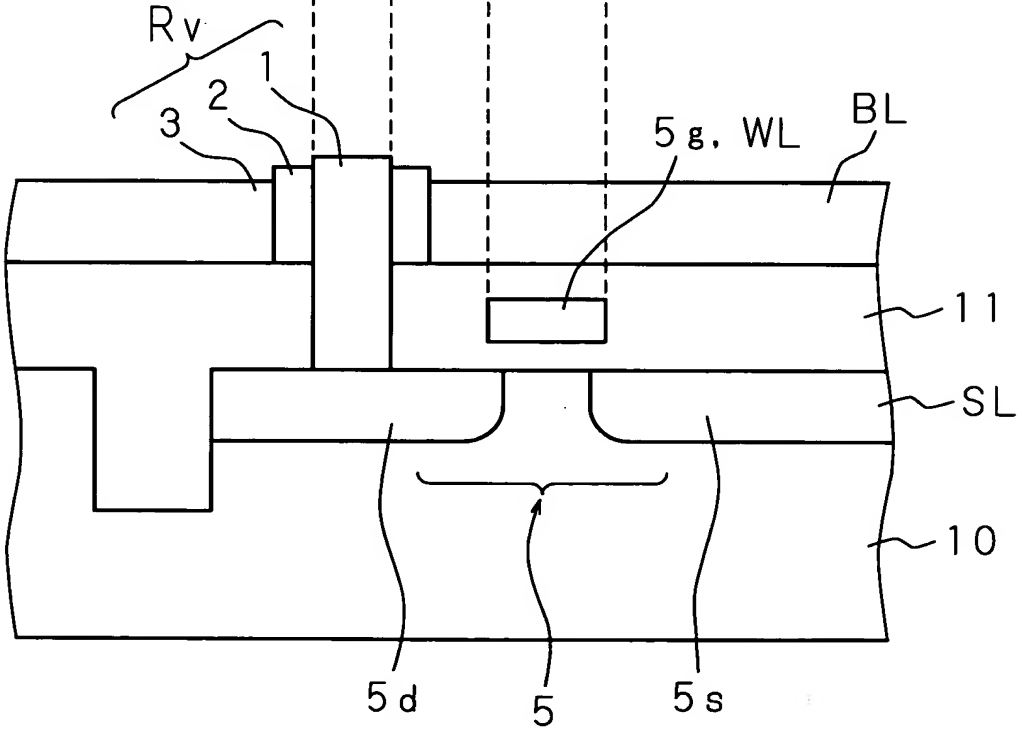


FIG. 5A

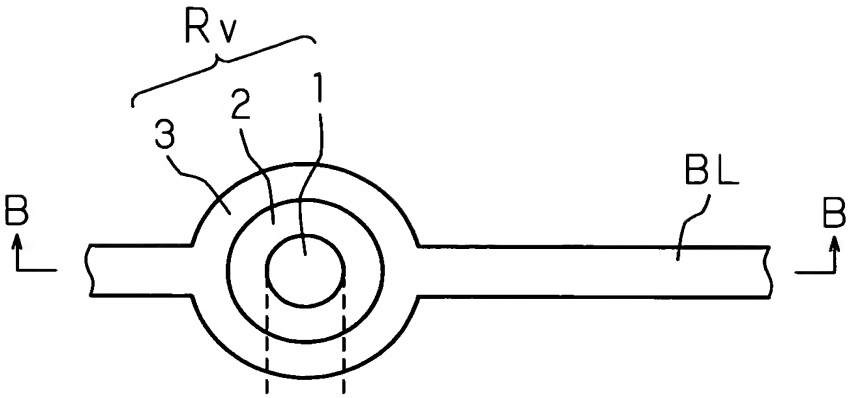


FIG. 5B

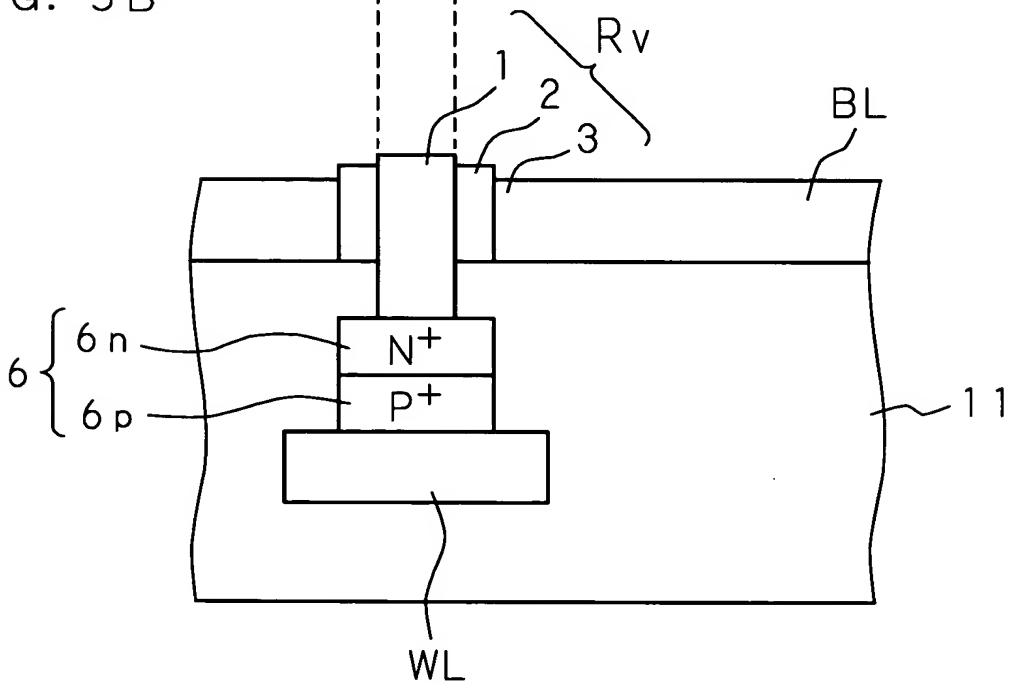


FIG. 6A

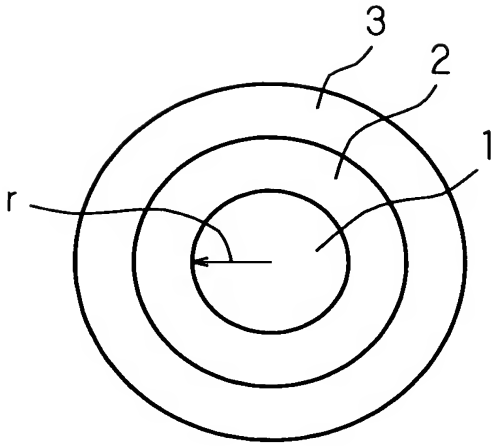


FIG. 6C

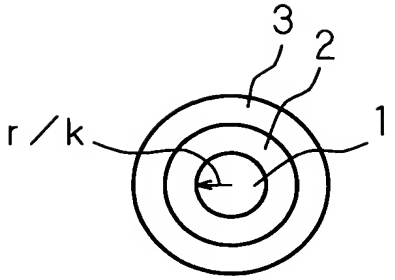


FIG. 6B

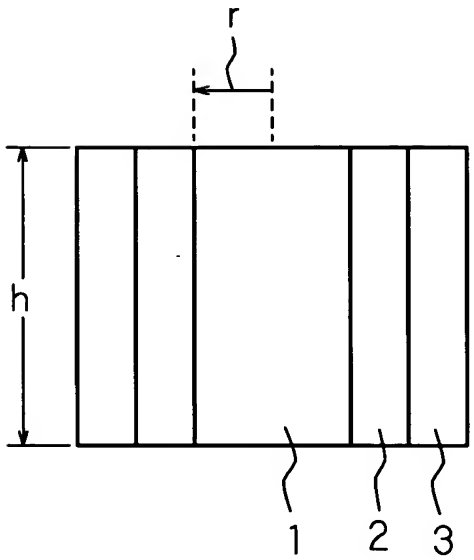


FIG. 6D

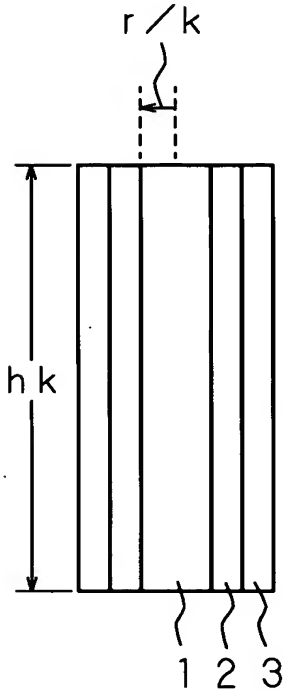


FIG. 7
PRIOR ART

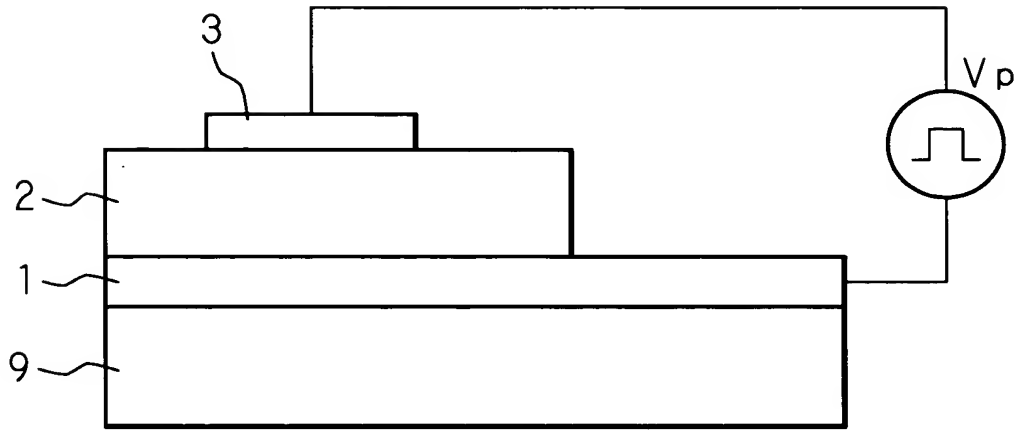


FIG. 8
PRIOR ART

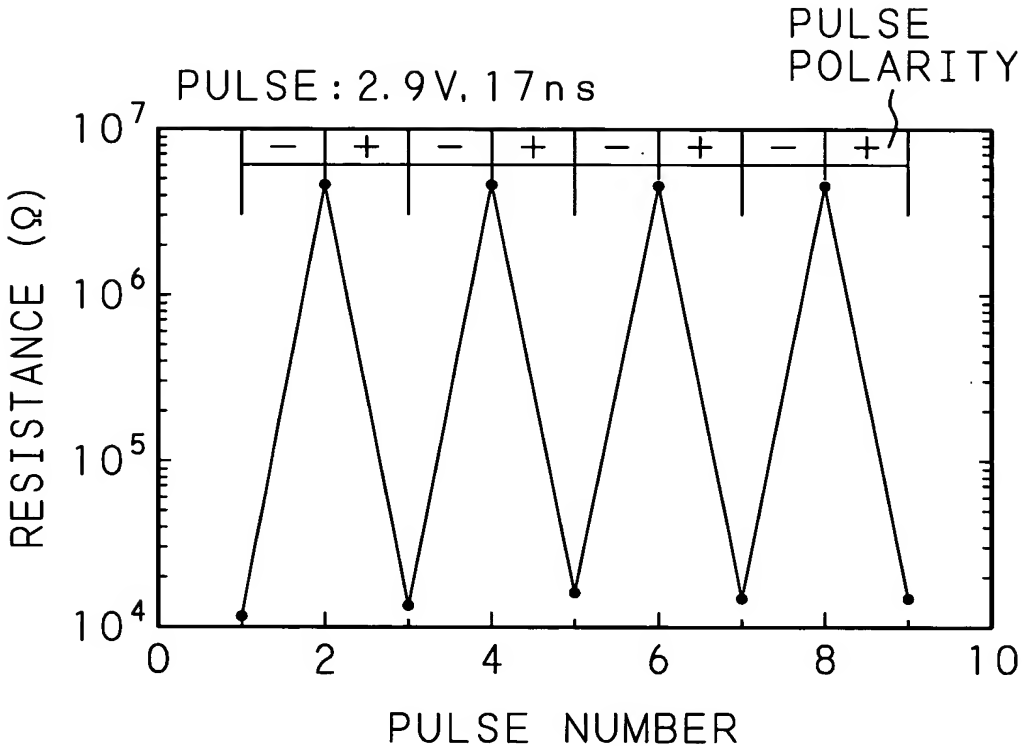


FIG. 9
PRIOR ART

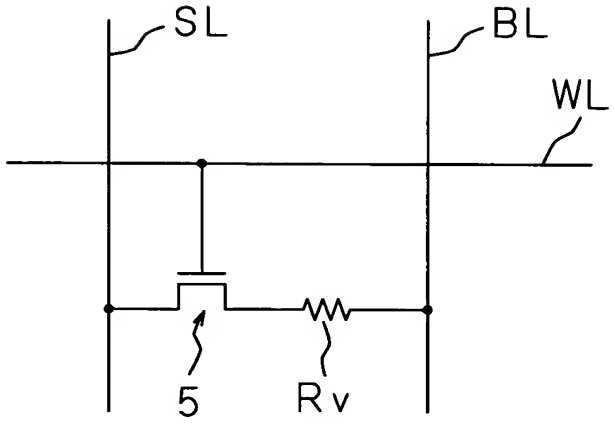


FIG. 10
PRIOR ART

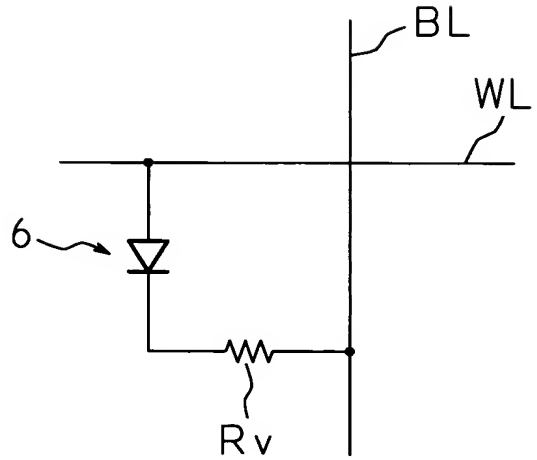


FIG. 11
PRIOR ART

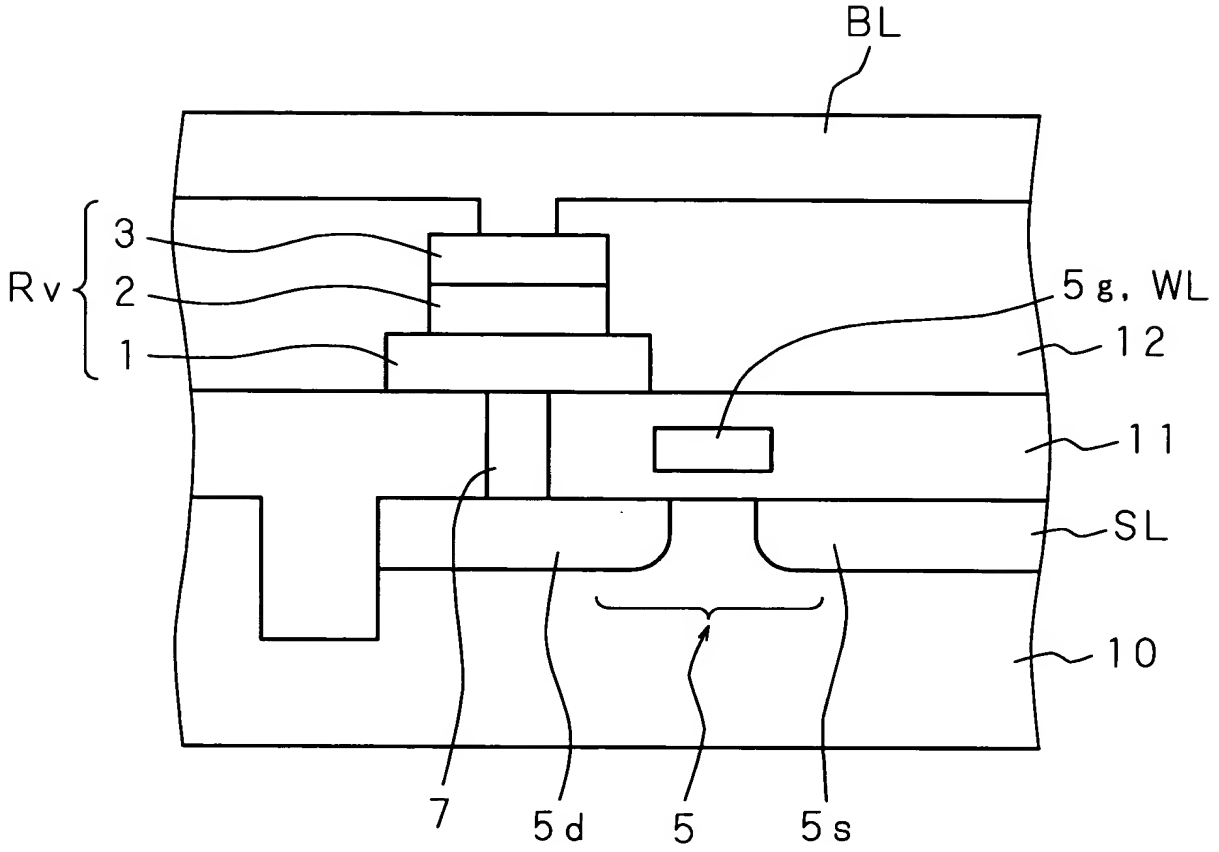


FIG. 12
PRIOR ART

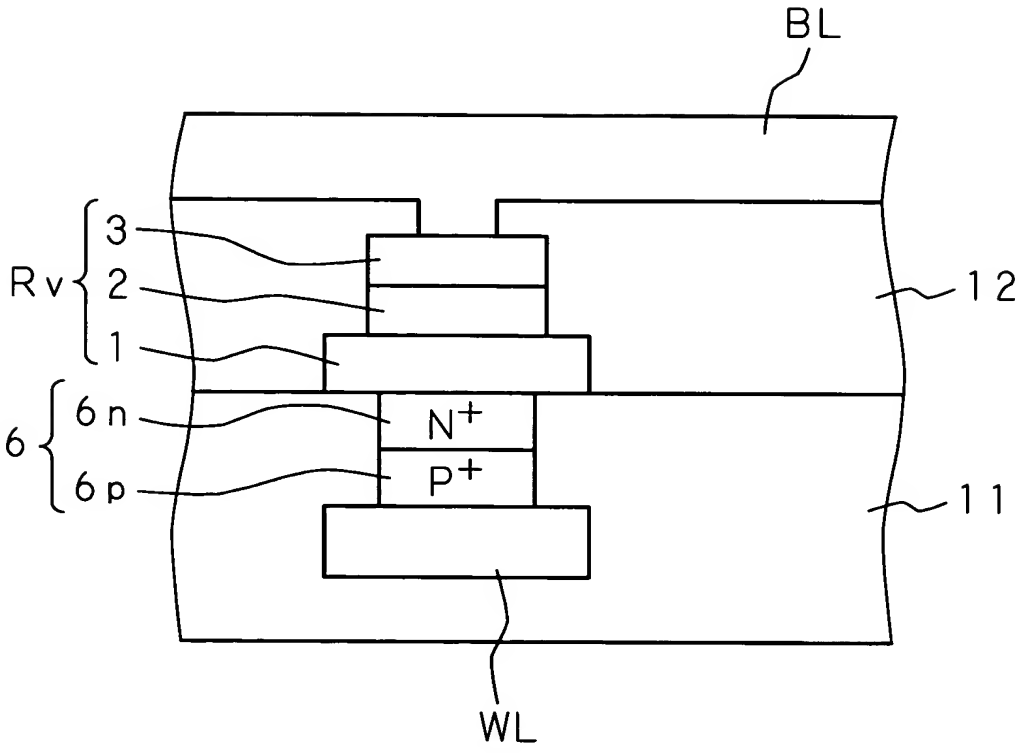


FIG. 13A
PRIOR ART

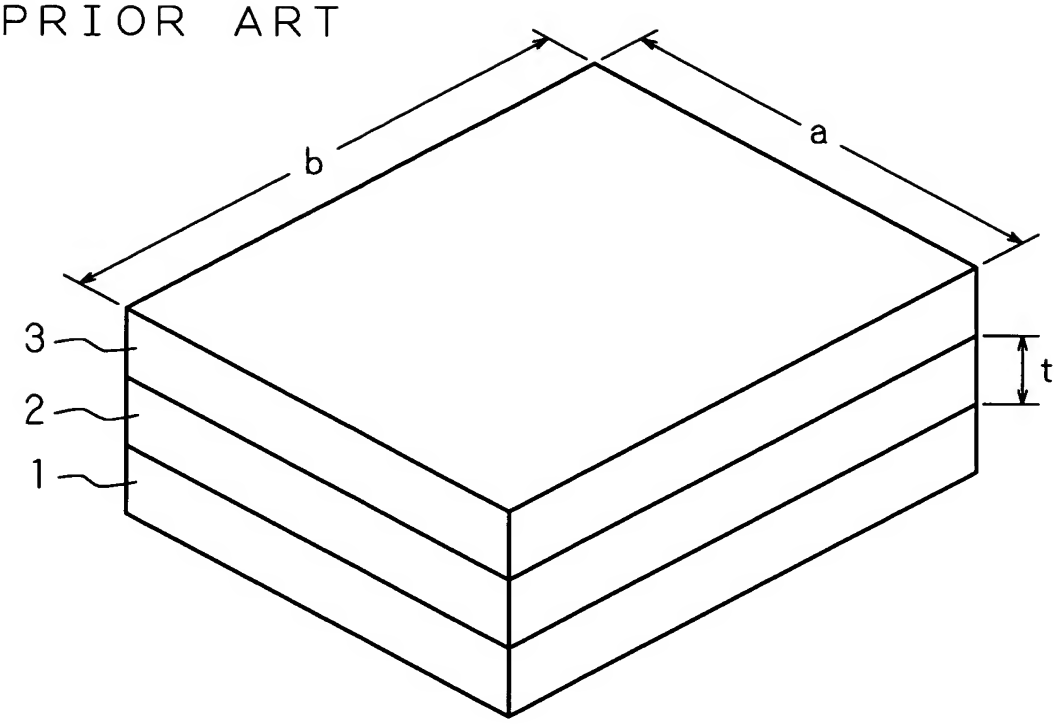


FIG. 13B
PRIOR ART

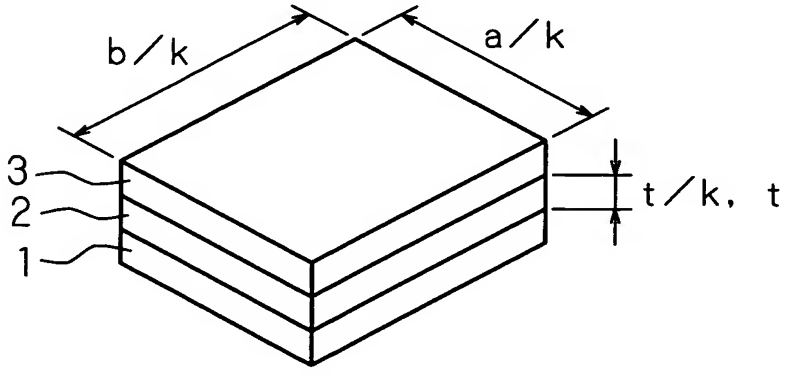


FIG. 14A
PRIOR ART

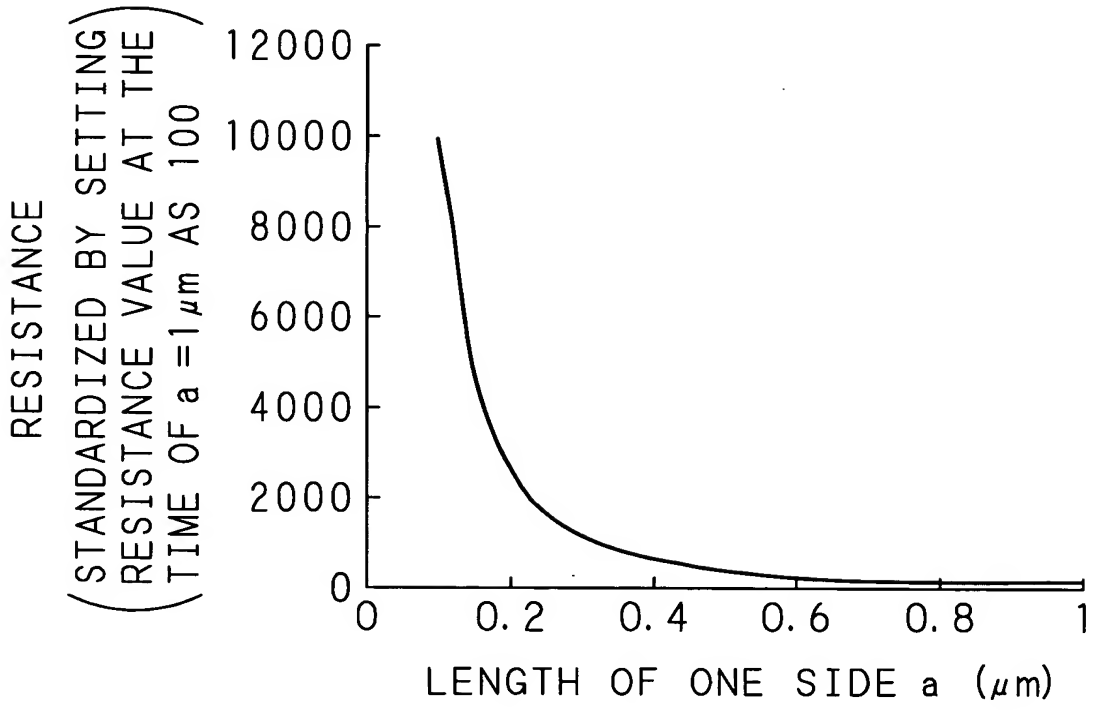


FIG. 14B
PRIOR ART